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U. S. COAST AND GEODETIC SURVEY.

F. M. Thomas, Superintendent.

State: Wash. Terr.

DESCRIPTIVE REPORT.

Hydrographic Sheet No. 1885.

LOCALITY:

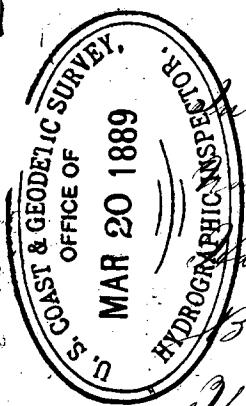
Saratoga Passage
to
Skagit Bay.

1888.

CHIEF OF PARTY:

Lieut. H. C. T. Mayo, U.S.N.

Descriptive Report to accompany Hydrographic Sheet No. 1885.
 Saratoga Passage to Skagit Bay. By Lieut W. D. Mayo,
 U. S. N. M. Comdg Sch. Ernest.



In this sheet is embraced the Hydrography of the northern end of Saratoga Passage, Penn's Cove, Oak Harbor, Crescent Harbor, and the beginning of Skagit Bay.

The deepest water found was ⁴⁹_{fathoms}, about $\frac{3}{4}$ mile west of Rockwell. This is at the head of the deep channel of Saratoga Passage and the water shoals from this point toward Skagit Bay and Crescent Harbor.

Penn's Cove is of moderate depth, from seven to fifteen fathoms, and has good anchorage throughout. Oak Harbor is flat, and shoal, the greater part being nearly bare at low water.

The channel going in is narrow and but two fathoms can be carried in.

Crescent Harbor has from four to sixteen fathoms, good holding ground, but poor protection.

The currents are not strong nor regular.

Part of the water from Skagit Bay flows through Saratoga Passage and part through Deception Pass.

Anchorage are found in Penn's Cove, Crescent Harbor, and off Utsalady, but, as already remarked, Crescent Harbor is exposed to southerly winds.

Dangers:- Snakeland Point at entrance to Penn's Cove extends as a low shoal about $\frac{1}{2}$ mile in N.E. direction. It is a continuation of the gravel spit and is dotted with small boulders. Its outer end is marked by a black buoy No 1, which is just off the end of the spit in $4\frac{1}{2}$ fathoms water. A shoal extends for $\frac{1}{2}$ mile off Mayors Point, at Oak Harbor entrance. This shoal is also dotted with boulders and it extends around point into Crescent Harbor, where it becomes less extensive. A red buoy No. 2, in $4\frac{3}{4}$ fathoms marks outer edge of this shoal and shows the channel into Oak Harbor. The channel is almost marked, at its narrowest part, by a black spar buoy No 1. At Point Polkell the beach is covered with boulders extending out for $\frac{1}{2}$ mile to S.E. A shoal also makes out for $\frac{1}{2}$ mile to westward of Point Polkell. The Skagit Flats extend down to within about a mile of Utsalady, leaving a portion of the bay, near the town, with good anchorage in from three to five fathoms. The channel into the river follows the trend of the shore line near Utsalady and passes close to Brown's Point. On this sheet are three towns, Coupeville, Oak Harbor and

Utsalady. Coupeville is the County seat of Island County and is the shipping point for quite an extensive agricultural section. Oak Harbor is also a shipping point for agricultural products and dairy products. Utsalady is a saw-mill town, and a favorite place of call for steamboats, owing to its being a telegraph station.

Trade is carried on by steamers, of which there are numerous lines.

Very respectfully,

H. T. Mayo, Lieut. U. S. N.

Chief of Party

To the

Superintendent C. and G. Survey

Washington, D. C.